

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF TWO NEW HAZARD IDENTIFICATION BEACONS FOR THE MID BLOCK CROSSWALKS ALONG MD 26 EAST OF ELLEN ROAD AND WEST OF LANGREHR LANE.

II. INTERSECTION OPERATION

THE HAZARD IDENTIFICATION BEACON NEAR THE INTERSECTION OF MD 26 AND ELLEN ROAD SHALL BE WIRED TO THE CONTROLLER AT THE INTERSECTION OF MD 26 AND MILFORD MILL ROAD.

THE HAZARD IDENTIFICATION BEACON NEAR THE INTERSECTION OF MD 26 AND LANGREHR ROAD SHALL BE WIRED TO THE CONTROLLER AT THE INTERSECTION OF MD 26 AND ROLLING ROAD.

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY SHA AND INSTALLED BY THE CONTRACTOR

CATEGORY CODE	QUANTITY	UNIT	DESCRIPTION
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9005 72 SF SHEET ALUMINUM SIGN

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

CATEGORY CODE	QUANTITY	UNIT	DESCRIPTION
585409	260	LF	5 IN. WIDE YELLOW LEAD FREE REFLECTIVE PAVEMENT MARKINGS.
500000	200	LF	12 IN. WIDE HAPPTM - WHITE FOR CROSSWALK.
800000	36	SF	INSTALL POLE MOUNTED SIGN.
800000	8	EA	12" BLACK FACED TRAFFIC SIGNAL HEAD SECTION WITH
801004	1.4	CY	CONCRETE FOR SIGNAL FOUNDATION.
801106	56	LF	4" X 6" WOOD SIGN SUPPORTS.
813014	36	SF	INSTALL GROUND MOUNTED SIGN.
802501	1425	LF	NO. 6 STRANDED BARE COPPER GROUND WIRE.
805145	500	LF	2 INCH SCHEDULE 80 RIGID PVC CONDUIT SLOTTED.
805155	50	LF	4 INCH SCHEDULE 80 RIGID PVC CONDUIT SLOTTED.
811001	5	EA	ELECTRICAL HANDHOLE.
837001	2	EA	GROUND ROD-3/4 INCH DIAMETER X 10 FOOT LENGTH.
861107	1450	LF	5 CONDUCTOR ELECTRICAL CABLE NO. 14 AWG
818010	2	EA	14FT. STEEL PEDESTAL POLE WITH BREAKAWAY TRANSFORMER BASE (NOTE FOUR 1" X 40" ANCHOR BOLTS.

UTILITY LEGEND

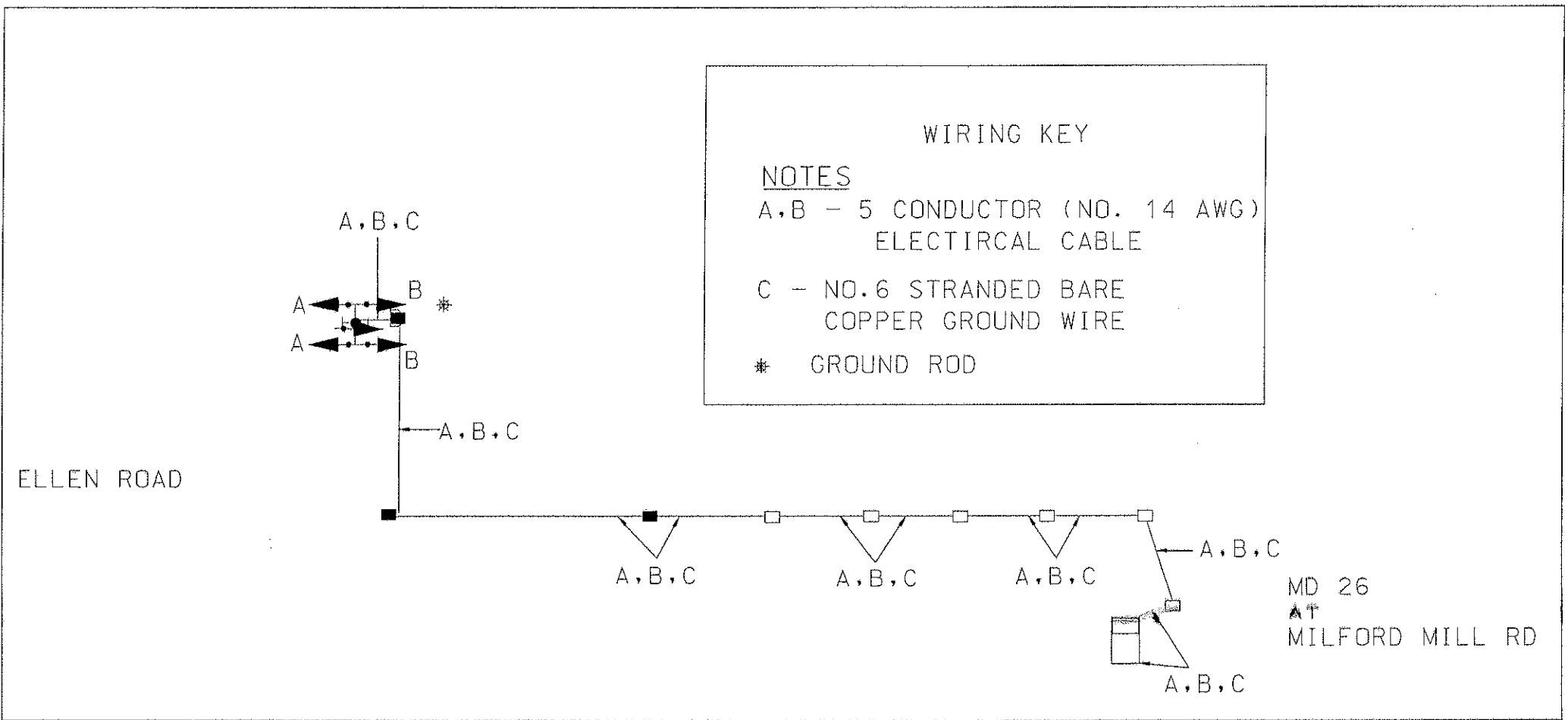
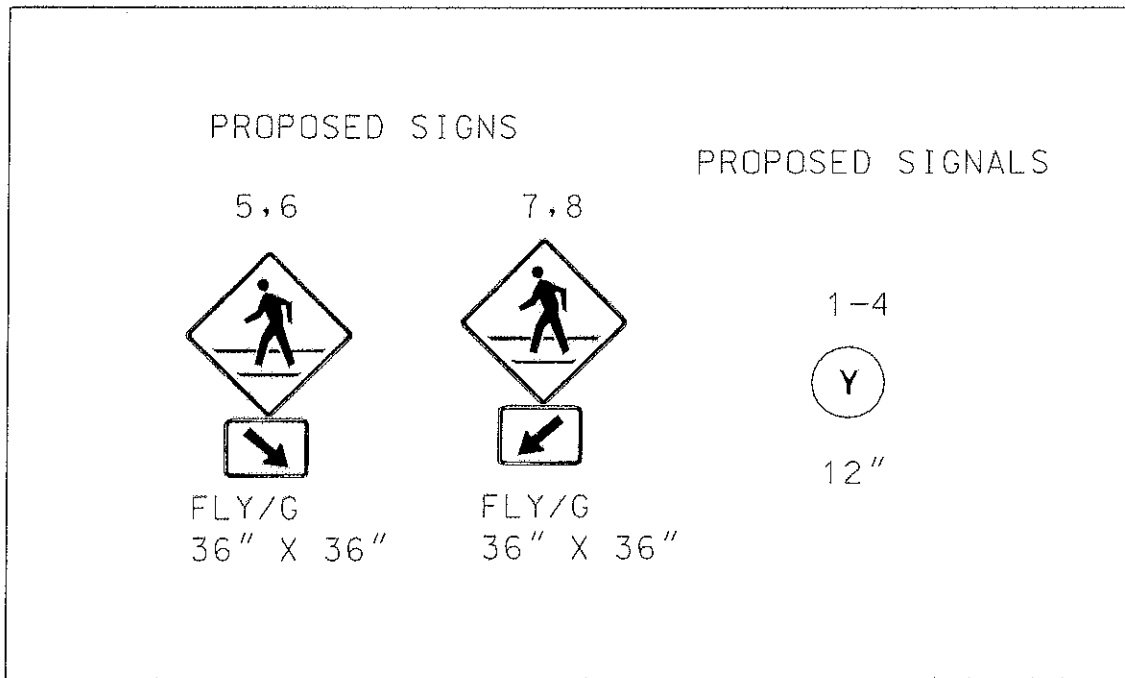
G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
A	A	AERIAL CABLES
T	T	TELEPHONE CABLES

- CONSTRUCTION DETAILS
- A. INSTALL 14FT PEDESTAL POLE, SIGNAL HEADS, AND SIGN ON BREAKAWAY BASE. (NOTE: ONE TWO INCH PVC BEND)
  - B. INSTALL TRAFFIC SIGNAL HANDHOLE.
  - C. INSTALL 2 INCH SCHEDULE 80 PVC CONDUIT. (SLOTTED) (PRIOR TO FINAL PAVING)
  - D. REMOVE EXISTING SIDEWALK. INSTALL TRAFFIC SIGNAL HANDHOLE. INSTALL NEW SIDEWALK.
  - E. USE EXISTING HANDHOLE AND CONDUIT.
  - F. USE EXISTING BASE MOUNTED CABINET.
  - G. INSTALL 2 INCH SCHEDULE 80 PVC CONDUIT (TRENCHED)
  - H. INSTALL CROSSWALK AS SHOWN.
  - I. INSTALL 4 INCH SCHEDULE 80 PVC CONDUIT (SLOTTED) (PRIOR TO FINAL PAVING).
  - J. INSTALL GROUND MOUNTED SIGN AS SHOWN.
  - K. INSTALL PAVEMENTS MARKINGS AS SHOWN.

- NOTES:
- 1. GEOMETRICS ARE TO BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
  - 2. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH SHA STANDARDS. ALL OTHER PAVEMENT MARKINGS WILL EITHER BE INSTALLED AS PART OF THE STATE HIGHWAY PROJECT OR ARE TO BE CONSIDERED EXISTING.
  - 3. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE PROJECT ENGINEER IMMEDIATELY.
  - 4. CROSSWALKS TO BE IN LINE WITH HANDICAP RAMPS AS DIRECTED BY THE PROJECT ENGINEER.
  - 5. SIGNAL CONTRACTOR TO EXCAVATE SIDEWALK AS NECESSARY TO REMOVE/INSTALL TRAFFIC SIGNAL EQUIPMENT. UPON COMPLETION OF TRAFFIC SIGNAL WORK THE SIGNAL CONTRACTOR IS TO BACKFILL THE EXCAVATED AREAS WITH A MD-SHA APPROVED MATERIAL. THE RESTORATION OF THE SIDEWALK AREAS IS TO BE COMPLETED BY OTHERS.

CONTACT LIST

- THE CONTACT PERSONS FOR DISTRICT 4
- Mr. Dave Malkowski  
District Engineer  
410 321-2800
- Mr. Randall Scott  
Assistant District Engineer - Traffic  
410 321-2800
- Mr. Joseph McMahon  
Assistant District Engineer - Utility  
410 321-2800
- Mr. Dave Ramesy  
Assistant District Engineer - Maintenance  
410 321-2800
- Mr. Richard Daff  
Chief, Traffic Operations Division  
410 787-7630



REVISIONS


APPROVALS

*[Signature]*  
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

*[Signature]*  
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

*[Signature]*  
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

MD 26 AT ELLEN ROAD

PED HIB CROSSING

DRAWN BY: D. DICKERSON

CHECKED BY: 1"=20'

DATE: 6/13/01

F.A.P. NO. BA2735283

S.H.A. NO. BALTIMORE

COUNTY: D-238

LOG MILE:

TS NO. 4108

SHEET NO. 1 OF 2